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**PATENTS ONLY**

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U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

KIM, Jong-Seon

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: August 30, 2005

2. Name and address of receiving party(ies)

Name: Samsung Electronics, Co., Ltd.

Internal Address: 416, Maetan-dong

Yeongtong-gu, Suwon-si

Gyeonggi-do, KOREA

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s)

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s)

10/522,007

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: K. Jenny Sung

DLA Piper Rudnick Gray

Cary US LLP

Internal  
Address: \_\_\_\_\_

Street

address: 2000 University Avenue

City: East Palo Alto State: CA Zip: 94303

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \_\_\_\_\_ \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 07-1896

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

K. Jenny Sung

Name of Person Signing

48,639

Reg. No.

  
Signature

August 31, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 03

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT

WHEREAS, I, KIM, Jong-Seon, residing at Dongbu Apt. 102-301, Dokgok-dong, Pyeongtaek-city, Kyungki-do 459-801, Republic of Korea have invented certain new and useful improvements in

### LIQUID CRYSTAL DISPLAY AND DRIVING METHOD THEREOF

, a United States patent for which was filed on January 19, 2005 under 10/522,007;

AND WHEREAS SAMSUNG ELECTRONICS CO., LTD., hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by said assignee, receipt whereof I hereby acknowledge, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country of the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am a lawful owner of the application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the inventions or improvements on any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree, jointly and individually with any co-inventor(s), that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED Kim Jong - Seon Date: August 30, 2005  
KIM, Jong-Seon

IN WITNESS WHEREOF:

Witness #1

Witnessed: Lee Kyung A Date: August 30, 2005  
LEE, Kyung-A (Printed Name)

Address: Seolim Bldg., 649-10 Yoksam-dong, Kangnam-ku, Seoul, Korea